



Milton Reservoir Water Quality Report



July 11, 2023

Water Summary

Milton Reservoir is sampled twice a month between March and October and monthly between November and February. The Barr Lake and Milton Reservoir Watershed Association coordinates all the efforts to monitor, test, and improve the water quality in Milton. Regular lake sampling started in 2002.

July – Blue-green algae are actually bacteria (cyanobacteria). They look and grow like algae, so we call them algae. It is best to avoid any surface scums like the ones collecting near the boat ramp and dam. If you do come into contact (wading in to unhitch a boat or to get out to a boat near shore), then it is best to rinse your skin off when you get out of the water. The concentration of cyanobacteria in the open waters were not forming surface scums. The greatest risk of any cyanotoxins is near shore where the bloom is concentrated by the wind and water currents. Clarity is still pretty good for July in the open water. Oxygen and pH levels are elevated like Barr Lake, indicating an algal bloom. Water is slightly warmer than average.



Watershed News

Avoid the algae. Just a remind that we are now in the heat of the summer algae growing season. If you see a scum in the water, do your best to avoid it. If you do come into contact, rinse off and clean your equipment. Keep pets and animals from drinking the water when there is a scum. Not all algae are toxic.

Join BMW Association

BARR LAKE AND MILTON RESERVOIR ASSOCIATION

The BMW Association's mission is to improve the water quality by encouraging cooperation, involvement, and awareness with people living near and upstream of Barr Lake and Milton Reservoir.

You can learn more about the lakes and what is going on in the watershed by going to www.barr-milton.org.

Contact Sami Miller, watershed coordinator, at miller.sami@outlook.com.

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 07-11-23)

Maximum Depth: 26.2 feet (dam outlet) Water Temperature: 75.6° F (taken 3 feet below surface)

Water Clarity: 5.2 feet (≥ 3 feet is good) Dissolved Oxygen: 245.1% (>80% is good)

pH: 9.04 (between 6 and 9 is good) Chlorophyll-a: >75.0 ppb (How green, ≤ 25 is good)

